

NCDOT Prioritization 3.0 Project Summary

SPOT ID: H141146 Mode: Highway Status: Submitted

NC-179 BUS (Beach Dr)

From/Cross Street: SR 1184 (Ocean Isle Beach Road Specific Improvement Type: 1 - Widen Existing Roadway

SW)

To: NC 904 (Seaside Road) Project Category: Regional Impact

Length: 2.72 TIP#:

Fully Funded in Draft STIP? No

Cost to NCDOT: \$34,384,000

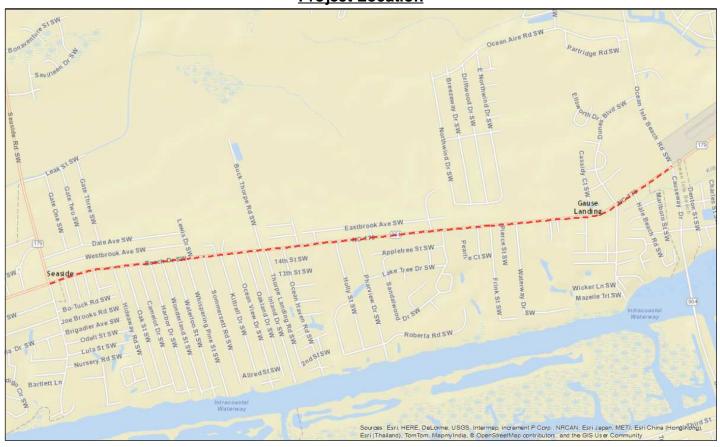
Description:

Widen NC 179 BUS to a multi-lane facility with multipurpose path from Ocean Isle Beach Road SW (SR 1184) to the NC 904 (Seaside Road).

Division(s): Division 3 **County(s):** BRUNSWICK

MPOS(s)/RPO(s): Grand Strand Transportation Study Area

Project Location



09/22/2014 04:40 PM Highway **1/5**

NC-179 BUS (Beach Dr) SPOT ID H141146

Statewide Mobil	lity Total	Score:	0
-----------------	------------	--------	---

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
	N/A	N/A
Totals: Weight: 0% Weighted Score: 0		

Regional Impact Total Score: 24.98

Quantitative Score		Division Engineer Local Input Points	MPO/RPO Local Input Points
Safety (25%) Multimodal + [Freight & Military] (25%) [Travel Time] Benefit/Cost (20%) Totals: Weight: 70% Weighted Score: 9	38.12 1.81 0.00	Percent: 15% Points: 0	Percent: 15% Points: 100

Division Needs Total Score: 19.25

Quantitative Score		Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) Safety (20%) Multimodal + [Freight & Military] (10%) Totals: Weight: 50% Weighted Score:	57.20 38.12 1.81	Percent: 25% Points: 0	Percent: 25% Points: 0

09/22/2014 04:40 PM Highway **2/5**

Project Data *

Existing Conditions

Existing Cross-Section: Speed Limit: 55 Length (miles); 2.72 Facility Type: Arterial Access Control: None Functional Classification: Major Collector Terrain Type: Level Lane Width: 12 Paved Shoulder Width: 2 Roadway has Curb & Gutter? No Volume (AADT): 13627.05 15800.03 Capacity: Volume/Capacity Ratio: 0.86 97% % Autos: % Trucks: 3% Truck Volume: 362.66 Crash Density: 56.07 Crash Severity: 32.96 Critical Crash Rate: 25.35 0 Crash Frequency: Severity Index: 0 3 County Tier Designation: Non-Interstate STRAHNET No Route? 20 Average Commuting Time: Existing Median Type (for **TWLTL** Cost Estimation): Pavement Condition Rating: 61 Actual Congested Speed: 0 Travel Time Index:

Project Benefits

	<u> </u>
Project Cross-Section:	4G - 4 Lane Divided (17'-6" Raised Median) with Curb & Gutter, Wide Outside Lanes, Bike Lanes, and Sidewalks
Speed Limit:	45
Length (miles):	2.72
Facility Type:	Arterial
Access Control:	Partial
Functional Classification:	Major Collector
TerrainType:	Level
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	4
Travel Time Savings for 30 Years (Total):	-906548.25
Travel Time Savings for 30 Years (Autos):	-882422.23
Travel Time Savings for 30 Years (Trucks):	-24126.02
Long-Term Employment:	
% Change in Economy:	
Provides Direct Connection to Transportation Terminal?	No
Does project upgrade how the roadway functions?	No
In CTP or LRTP?	Yes
CTP/LRTP Name:	GSATS 2035 Long Range Transportation Plan (LRTP) – Appendix H "North Carolina"
CTP/LRTP Completion Year:	2014
Submitted by:	Grand Strand Transportation Study Area

09/22/2014 04:40 PM Highway **3/5**



09/22/2014 04:40 PM Highway **4/5**

NC-179 BUS (Beach Dr) SPOT ID H141146

Project Ownership

Division

Division	Percent	Regional Impact	Division Needs
Division 3	100%	0	0
	0%	0	0
	0%	0	0
TOTAL Division Points		0	0

MPO/RPO

MPO/RPO	Percent	Regional Impact	Division Needs
Grand Strand Transportation Study Area	100%	100	0
	0%	0	0
	0%	0	0
TOTAL MPO/RPO Points		100	0

Project Cost and Source

Construction Cost:	\$17,510,000	Cost Estimation Tool
Right-of-Way Cost:	\$15,066,000	Cost Estimation Tool
Utilities Cost:	\$1,808,000	Cost Estimation Tool
Total Project Cost:	\$34,384,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$34,384,000	

09/22/2014 04:40 PM Highway **5/5**